IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

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Alexandre Andreev et. al.

Serial No.:

10/694,208

Filed:

October 27, 2003

For:

Process and Apparatus for

Placement of Cells in an IC during

Floor Plan Creation

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Group Art Unit:

2825

OCT 2 7 2005

Examiner:

Dinh, Paul

Atty Docket:

/ 03-2064

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tanu Kashya

10/27/05

M-K Signatura

INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation 1621 Barber Lane, MS D-106 Milipitas, CA 95035 408-433-7475

Date: 2101 05

10/28/2005 FMETEKI1 00000031 122252 10694208

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Respectfully submitted,

Timothy Croll

Reg. No. 36,771

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FAX COVER SHEET

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LSI LOGIC CORPORATION Office of General Counsel 1621 Barber Lane M/S D-106

Milpitas, CA 95035 Fax: (408) 433-7460

Date:

October 27, 2005

To

Name:

USPTO - MS: IDS

Fax:

571-273-8300

Phone:

703-305-8283

From:

Name:

Manu Kashyap, Intellectual Property Paralegal

Corporate Legal Dept.

Telephone:

(408) 433-7475

Fax:

(408) 433-7460

Re:

10/694,208

Number of Pages Including this Page

9

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MESSSAGE:

Docket Number: 03-2064

Box: IDS

Group Art: 2825 Examiner: Paul Dinh

Please notify us immediately if any pages are not received.

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OCT 27 2005

Practitioner's Docket No. 03-2064

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Alexandre Andreev et al.

Serial No.:

10/694,208

Group Art Unit: 2825

Filed:

October 27, 2003

Examiner: Paul Dinh

For:

CHOUCH 27, 2005 Examiner. Takit Diffi

Process and Apparatus for Placement of Cells in an IC during Floor Plan Creation

Assistant Commissioner for Patents Washington, D.C. 20231

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

- □ WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))
- BEFORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 C.F.R. 1.97(c))
- AFTER MAILING DATE OF FINAL ACTION OR NOTICE OF ALLOWANCE BUT BEFORE PAYMENT OF ISSUE FEE (37 C.F.R. 1.97(d))

Pursuant to 37 CFR 1.56, Applicants hereby submit the references listed on the attached form PTO-1449 (modified). Copies of each of the references are enclosed.

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

FACSIMILE

Deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. Transmitted by facsimile to the Patent and Trademark Office

Date: 10/27/2005

Signature

Manu Kashyan

Page 1 of 4

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Υ .	TIME OF TRANSMITTAL OF ACCOMPANYING INFORMA	TION DISCLOSURE
	STATEMENT	

A.	0	WITH	INFORMATION DISCLOSURE STATEMENT IS SUBMITTED IN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST CE ACTION (37 C.F.R. 1.97(b)).
		The in	formation disclosure statement transmitted herewith is being filed:
		D	(1) Within three months of the filing date of a national application.
		· 🛮	(2) Within three months of the date of entry of the national stage as set forth in 1.491 in an international application.
		0	(3) Before the mailing date of a first Office Action on the merits.
		0	(4) To the best of the undersigned's knowledge, the information disclosure statement submitted herewith is being filed before the mailin date of a first Office action on the merits under 37 C.F.R. 1.97(b)(3). However, in the event that the USPTO has mailed an Office Action not yet received by the undersigned, a statement under 37 C.F.R. 1.97(e) is enclosed, since the disclosures submitted herewith were received by Applicants less than three months prior to the mailing date of this submittal.
В.		BEFO	INFORMATION DISCLOSURE STATEMENT IS SUBMITTED ORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF OWANCE (37 C.F.R. 1.97(c)).
		the ma	nformation disclosure statement transmitted herewith is being filed before ailing date of either a final action under, 1.113 or a notice of allowance 1.311, whichever occurs first, and is accompanied by either:
		D	(1) a statement as specified in 37 C.F.R. 1.97(e).
		٥	(2) the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement under 1.97(c). (\$240.00).

C. THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED AFTER MAILING DATE OF FINAL ACTION OR NOTICE OF ALLOWANCE BUT BEFORE PAYMENT OF ISSUE FEE (37 C.F.R. 1.97(d)).

The information disclosure statement transmitted herewith is being filed after a final action under 1.113, or a notice of allowance under 1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee.

In accordance with the requirements of 37 C.F.R. 1.97(d):

- (1) Accompanying this transmittal is a statement as specified in 37 C.F.R. 1.97(c).
- (2) Applicant hereby petitions for the consideration of the accompanying information disclosure statement under 37 C.F.R. 1.97(d)(2).
- (3) Applicant submits the petition fee set forth in 1.17(i) (\$130.00).

II. # STATEMENT FOR INFORMATION DISCLOSURE UNDER 37 C.F.R., 1.97(e)

I, the person(s) signing below state:

(1) that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. 37 C.F.R. 1.97(e)(1).

OR

(2) that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 1.56(c) more than three months prior to the filing of the information disclosure statement. 37 C.F.R. 1.97(e)(2).

TTT.	FEE	DUE

- ☐ No Fee due under 37 C.F.R. 1.97(b).
- □ No Fee due under 37 C.F.R. 1.97(c).
- Fee under 37 C.F.R. 1.97(c) \$180.00 (37 C.F.R. 1.17(p)).
- ☐ Petition fee under 37 C.F.R. 1.97(d) \$130.00 (37 C.F.R. 1.17(i)).

IV. METHOD OF PAYMENT OF FEE

- Attached is a check for \$_____.
- Charge Account 12-2252 \$ 180.00

If any additional fees are due, please charge Account 12-2252.

Respectfully submitted,

Timothy Croll

Attorney for Applicants Registration No. 36,771

Telephone No. (408) 433-7625

Date: 27 0 \$.5

Mailing Address:

Intellectual Property Law Department LSI Logic Corporation Mail Stop D-106 1621 Barber Lane Milpitas, CA 95035

Page 4 of 4

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PTO/SB/08A (07-05)

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<u> </u>	Coi	mplete if Known
Substitute for form 1449/PTO	Application Number	10/694,208
	Filing Date	10/27/2003
INFORMATION DISCLOSURE	First Named Inventor	Andreev et al.
STATEMENT BY APPLICANT	OSURE	
(Use as many sheets as necessary)	Examiner Name	Paul Dinh
	Attorney Docket Number	03-2064

-			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentec of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (F Answer)}			
		^{US-} 2004/0166864 A1	08-2004	Hill et al.	
		US- 2005/0038728 A1	02-2005	La Mura, Pierfrancesco	
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Examiner		Date Considered	
Signature			le di la contra del no

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 60s. Draw line through distinct if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Seried Office at its issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Note of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language. Translation is attached.

Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, uspect of the uspect of the property of the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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TRAN	ISMIT	ΓΔΙ	Application Number	r 10/694,208
			Filing Date	October-27, 2003
FORM (to be used for all correspondence after initial filing)			First Named Invent	or Alexandre Andreev
			Group Art Unit	2825
			Examiner Name	Dinh, Paul
otal number of pag	ges in this submiss	Sion B	Attorney Docket Number	03-2064
		EN	CLOSURES (check all	that apply)
Fee Transmittal	Form	Assignmen	it Papers	After Allowance Communication to Group
Fee Attac	ched	Drawing(s)		Appeal Communication to Soard of Appeals and
Amendment/Res	sponse	Licensing-r	related Paper	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
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	SIGNAT	URE OF APPL	ICANT, ATTORNEY,	OR AGENT
dividual Name	Timothy Cr	oll, Reg. N	o. 36,771, Phon	e: [+1] 408-433-7475
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		CERTIFIC	CATE OF MAILING	
hereby certify that this assistant Commissione	correspondence is being for Patents, Washingt	ng deposited with th	e United States Postal Servi	e es first class mail in an envelope to:
yped or printed name	Manu Kash	yap, Phon	e; [+1] 408-433-	7475
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Washington, DC 202 Patents, Washington	231. DO NOT SEND FI 1, DC 20231.	EES OR COMPLET	ED FORMS TO THIS ADDR	ESS. SEND TO ; Assistant Commissioner for

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Çomplete if Клоwn Application Number 10/694,208 October-27, 2003 Filing Date Patent Fees are subject to annual revision on October 1. Alexandre Andreev First Named Inventor These are the fees effective October1, 1997. Smell Entity payments must be supported by a small entity statement, officerwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28. 2825 Group Art Unit Paul Dinh Examiner Name TOTAL AMOUNT OF PAYMENT (\$)180.00 Attorney Docket No. / 03-2064

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METHOD OF PAYMENT (check one)	2 4	DIT!			ALCULATION (continued)
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indicated fees and credit any over payment to:	Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yfee (\$)	Fee Description Fee Pai
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Deposit LSI LOGIC CORPORATION	127	50	227	25	Surcharge - late provisional liling fee or cover sheet
Number	139	130	139	130	Non-English specification
Charge Any Additional Fee Charge the lease Fee Set in 37 C.F.A. 1.18 at the	147	2,520	147	2,520	For filing request for reexamination
required Under 37 Mailing of the Notice of	112	920*	112	920	Requesting publication of SIR prior to Examiner action
2. Payment Enclosed:	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action
Chec Order Other	115	110	215	55	Extension for reply within first month
FEE CALCULATION	116	400	218	200	Extension for reply within second mont
1. BASIC FILING FEE	1117	950	217	475	Extension for reply within third mont
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101 790 201 395 Utility filing fee	119	310	219	155	Notice of Appeal
106 330 208 185 Design filing fee	120	310	220	155	Filing a brief in support of an appea
107 540 207 270 Plant filing fee	121	270	221	135	Request for oral hearin
108 790 208 395 Reissus filing fee	138	1,510	138	1.510	Petition to institute a public use proceedin
114 150 214 75 Provisional Filing fee	140	110	240	55	Petition to revive - unavoidabl
SUBTOTAL (1) (\$) 0.00	141	1,320	241	660	Petition to revive - unintentional
2. EXTRA CLAIM FEES	142	1,320	242	660	Utility issue fee (or reissue
Fee from Fee Paid Extra Claim helow	143	450	243	225	Design issue fe
fotal claim -20**= =	144	670	244	335	Plant issue fee
ndependen	122	130	122	130	Petitions to the Commissione
Claims	123	5 0	123	50	Petitions related to provisional application
or number previously peid, if greater; For Reissues, see below	126	240	128	240	Submission of Information Disclosure Strn 180.0
Larg Entit Larg Entit eFee yFee eFee yFee Fee bescription	581	40	581	40	Recording each patent assignment per property (times number of properties)
Code (5) Code (5) 103 22 203 11 Claims in excess of 20	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129
102 82 202 41 Independent claims in excess of 3	1				
104 270 204 135 Multiple dependent claim, if not paid	149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))
109 82 209 41 **Reissue independent claims over original patent	Other	fee (spe	cify)		· · · · · · · · · · · · · · · · · · ·
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SUBMITTED BY					Complete (if applicable)
Typed or printed name Timothy Croll					Reg. Number 36,771
Signature 2-RW		Date	7.76	.105	Deposit Account

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